# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 18 Sep 2021 until 23:59 on Sunday 19 Sep 2021

Forecast Issued on Saturday 18 Sep 2021 at 04:00

**Confidence:** Low for rain detail through Saturday. Moderate to high for a generally unsettled day on Sunday. Low for any detail into next week.

**Headline for Saturday 18 Sep 2021:** Mostly cloudy with drizzle at first. Drier later, but with showers possible into the evening.

**Mountain weather hazards on Saturday 18 Sep 2021**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Cloudy | Cloudy | Sunny intervals | Sunny intervals | Light rain showers | Light rain |
| Precipitation probability | | | | | |
| 20% | 20% | 10% | 10% | 30% | 40% |

**Forecast for Saturday 18 Sep 2021**

**Weather:** Cloudy with light rain and drizzle through the morning, likely persistent across many western slopes. Some drier, perhaps brighter intervals developing into the afternoon and evening, but these culminating in a chance of showers and eventually perhaps rain in places.

**Chance of cloud free mountain/hill tops above 600m:** 20% at first, rising to 60% in west and 80% in east by the afternoon

**Visibility:** Poor across most hills at first, with cloud obscuring tops above 500m, and occasionally as low as 400m in the west, and some mist patches possible in valleys. This lifting during the morning, with generally good visibility.

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# Mountain Weather Forecast

**Forecast for Saturday 18 Sep 2021**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 7/12 S | 8/11 S | 9/13 S | 9/14 S | 7/10 S | 10/17 SE | 11/19 S |
| **300** | 2/9 S | 5/10 S | 7/13 S | 7/13 S | 3/8 SE | 4/13 SE | 5/16 S |
| **Valley** | 3/8 E | 1/6 SE | 4/9 SW | 5/11 SW | 2/5 SE | 5/14 SE | 6/16 SE |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 12/10 | 12/11 | 14/13 | 15/14 | 14/14 | 14/12 | 13/11 |
| **300** | 12/13 | 14/14 | 17/16 | 18/17 | 16/16 | 14/14 | 14/14 |
| **Valley** | 15/15 | 16/16 | 18/18 | 18/18 | 17/18 | 16/16 | 16/15 |
| **Freezing Level*** | 3100m | 3000m | 2900m | 2900m | 2800m | 2800m | 2900m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

With a risk of rain/drizzle at first, waterproofs will be essential and extra care should be taken on high routes as paths may be slippery.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Sat 18 Sep 2021 | 0mm | 0.2mm | 0.6mm |

**Forecast for Sunday 19 Sep 2021**

**Weather:** Low confidence but likely starting cloudy with outbreaks of rain. These could be heavy at times. Rain should then clear eastward through the day but there remains a chance of some lingering low cloud and rain into the evening.

**Maximum wind:** Southeasterly becoming westerly 10mph gusting 20 mph.

**Chance of cloud free mountain/hill tops above 600m:** 40% becoming 60%

**Visibility:** Poor or very poor in rain and cloud down to 500m initially. Becoming moderate to good as rain clears to the east. A chance of some patchy cloud down to 600m remains later.

**Temperature:** **Valleys:** Plus 13 Celsius becoming plus 17 Celsius.
**At 600m:** Plus 10 Celsius
**Freezing level:** Above the summits

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